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Go Green! Green Procurement Resources



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New York State Green Procurement and Agency Sustainability Program

Beth Meer, NYS DEC

elizabeth.meer@dec.ny.gov

(518) 402-2796

Todd Gardner, NYS OGS

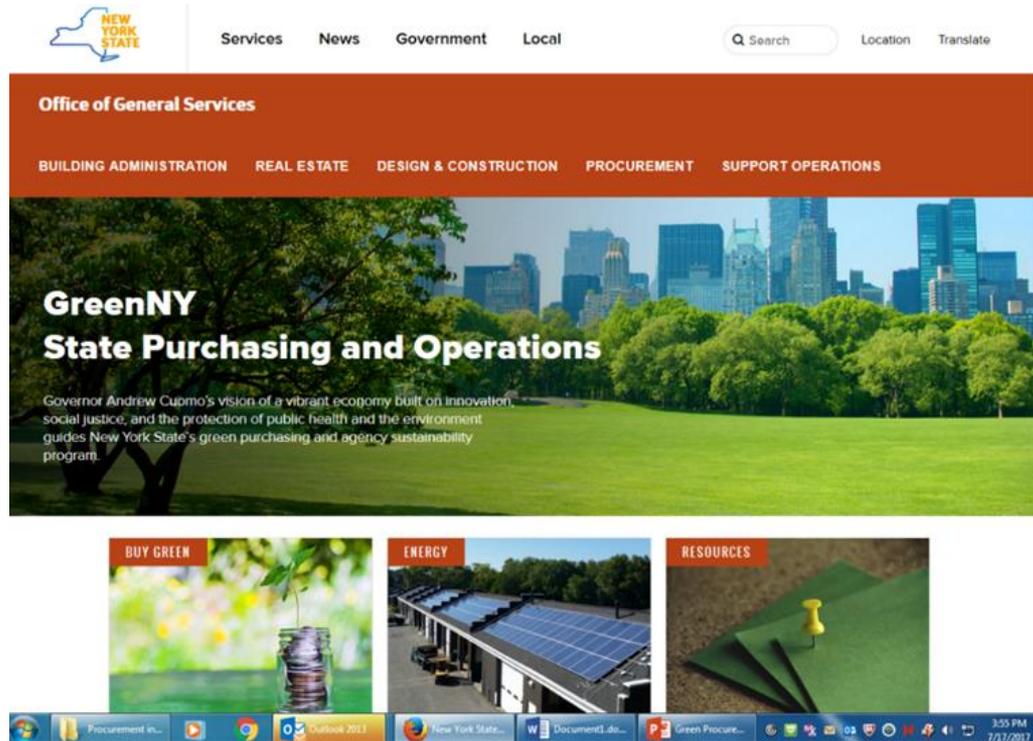
todd.gardner@ogs.ny.gov

(518) 474-3540



Goals

1. Implement a Sustainability and Environmental Stewardship Program
2. Reduce the amount of solid waste generated, increase recycling and reduce copy paper use
3. Develop green procurement specifications and incorporate them into procurements
4. Eliminate the purchase of bottled water



<https://www.ogs.ny.gov/greenny/Default.asp>



Goal 1: Implement a Sustainability and Environmental Stewardship Program

73 Covered Agencies

Comprehensive and holistic:

- Waste reduction & reuse
- Recycling & composting
- Toxics use reduction
- Energy efficiency
- Renewable energy
- Transportation
- Water & natural resources
- Green infrastructure, landscaping





Strategies

Interagency Committee with 10 key agencies, chaired by DEC and OGS

- Procurement
- Operations and Engagement
- Training
- Reporting

Every agency must formally designate a Sustainability Coordinator



Results and Benefits

In FY 15–16, 90% of covered agencies filed annual reports

Document widespread adoption of green practices:

- 95% implement policies to reduce vehicle miles traveled
- 89% use electronic means to share documents with the public all or most of the time
- 87% use green cleaning practices all or most of the time
- 58% use non-chemical pest control for turf and ornamentals (up from 43% in 2009–10)





Goal 2: Reduce Solid Waste, Increase Recycling



- Established an agency-specific goal of reducing total office waste generated and paper use by 10% per FTE per year, starting with a baseline year of FY 09–10
- Allow year-to-year comparisons not influenced by staffing levels or unique one-off waste generation (e.g., C&D debris)

Strategies

For the first time in FY 08–09, agencies measured the overall waste they generate

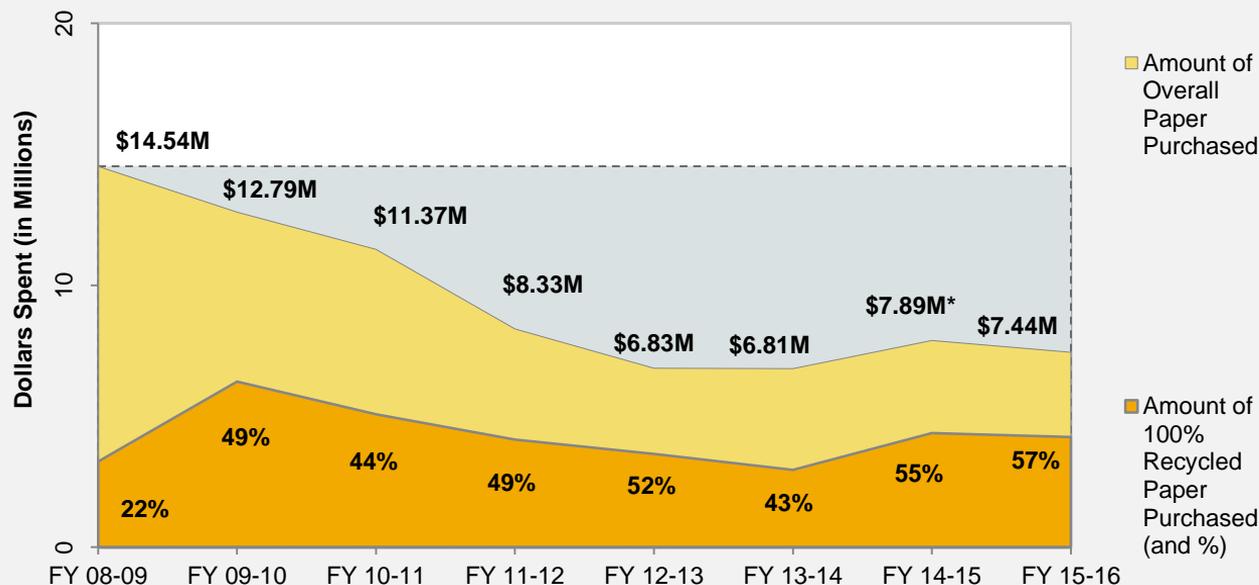
- Reduce paper use—default duplex printing, electronic document sharing (in and out), increase use of printing controls
- Encourage reuse of office supplies
- Purchase remanufactured and recycled products
- Issued first ‘Recycling and Trash Removal’ Contract





Results & Benefits

Copy Paper Use Reduction and Recycled Content



- Paper use decreased 49% since FY 08–09, saving \$41 M
- Recycling rates have soared from 50% in 08–09 to 78% 15–16
- Purchase of 100% post-consumer recycled content, PCF copy paper increased from 22% to 57%



Goal 3: Develop Green Specifications and Procurements

Buying green supports all of NY's environmental priorities, including waste, toxics, energy, water and natural resources

52 green specifications covering 90+ products:

- Computers
- Cleaning products
- Pest management
- Lighting



Strategies

OGS offers green products on 20 contracts:

- Cleaning (all green EPP contract with MA)
- Computers (aggregate buy all green)
- Paper (some all green)
- Lamps (many green offerings)
- Floor coverings (many green offerings)

OGS Green Procurement Team launched in 2017

- Working on green lighting contract; solar power; green labelling of products



Goal 4: Eliminate the Purchase of Bottled Water

EO 18 Applies to all 'Executive Agencies'

Each developed compliance plans & report annually

- Executive agencies have virtually eliminated the spending of state funds on bottled water
- 86% of authorities not covered by the EO have also restricted purchases to special circumstances
- Exemptions include:
 - Non-potable local wells
 - Water for transported detained youth
 - Active duty soldiers, utility crews





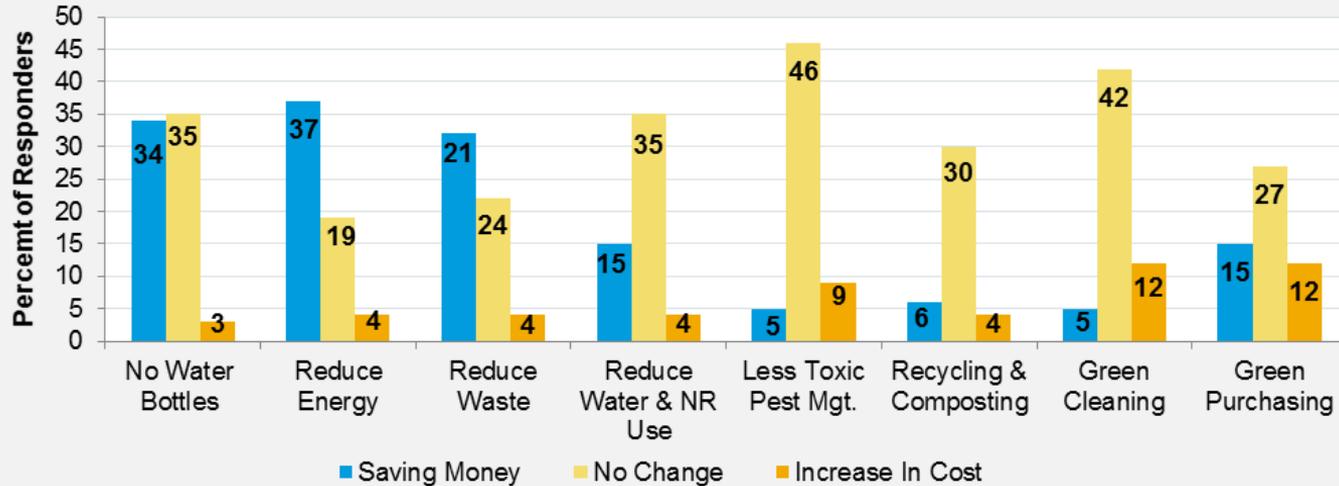
Lessons Learned

- The most successful agencies have staff, funding, and high-profile management support. Need to cut across silos and connect ‘boots and suits.’ Standing meetings and EO 4 reporting support this.
- It can be hard to make and track green purchases. The key is getting green products onto contracts, making it easy for purchasers to ID green products and buy them at good prices. E-catalog systems have great potential.
- It can be hard to track the savings associated with green operations and to capture those savings for future improvements.
- It can be difficult to measure waste—new ‘recycling’ contract helps.
- Agencies located in multi-tenant leased space have greater challenges.



Business Case

Cost of Sustainability Programs FY 09-10 to FY 15-16



Overall, New York's experience has shown that sustainable practices and green procurement do not cost more and can even save money, especially energy and waste reduction.

The Green Procurement Team



GreenNY

Formed in April of 2017 at OGS Procurement Services to:

- Help purchasers find green products
- Develop green contracts



Finding Green Products

1. Preferred Sources

- Corcraft (www.corcraft.org) - Hand Soap, Cleaning Products
- NYS Preferred Source Program For People Who are Blind (www.nyspsp.org) - Hand Soap, Cleaning Products
- NYS Industries for the Disabled (www.nysid.org) - Hand Soap, Cleaning Products, Paper Towels, Toilet Tissue, Electric Hand Dryers, LED A19 Lightbulbs

2. OGS Centralized Contracts

Green Purchasing Contracts (Under 'Buy Green')

Product	Group	Award	Contract Title or Preferred Source	EO 4 Specification
Compact Fluorescent Lamps	39000	22918	Industrial and Commercial Supplies	Lighting, Fixtures, Ballasts and Lamps
Copy Paper with Recycled Content	50211	23078	Recycled Copy Paper, Less Than Truckload	
Desktop and Laptop Tablet Computers	73600	22802	Aggregate Buy	Desktop and Laptop Computers
Diesel - B5, B10 and B20 Biodiesel	05602	22781	Diesel Fuel, Ultra-Low Sulfur, Biodiesel	
Disinfectants and Sanitizers	39000	22830	Environmentally Preferable Cleaning Products	Disinfectants and Sanitizers
Electric Hand Dryers	Preferred Source		NYS Industries for the Disabled	Electric Hand Dryer
Electric Hand Dryers	39000	22830	Environmentally Preferable Cleaning Products	Electric Hand Dryer
Facial Tissues, with recycled content	39000	22830	Environmentally Preferable Cleaning Products	

- Product
- Group, Award
- Contract Name
- Link to contract
- Link to EO4 Specification



Green Products on Contract

- Solar PPAs
- Photovoltaic Systems
- EPEAT Computers
- Recycled Copy Paper
- Green Cleaning Products
- Lighting
- Recycling and Trash Removal Services
- Re-Refined Motor Oil
- Carpet meeting EO4 specification



Solar Power Purchase Agreements (Group 05302, Award 23017)

- Mini-bid contract
- Contractor builds, owns and maintains solar system
- Purchaser buys the electricity
- Typically 20- or 25-year agreement





Photovoltaic Systems

(Group 05302, Award 21806)

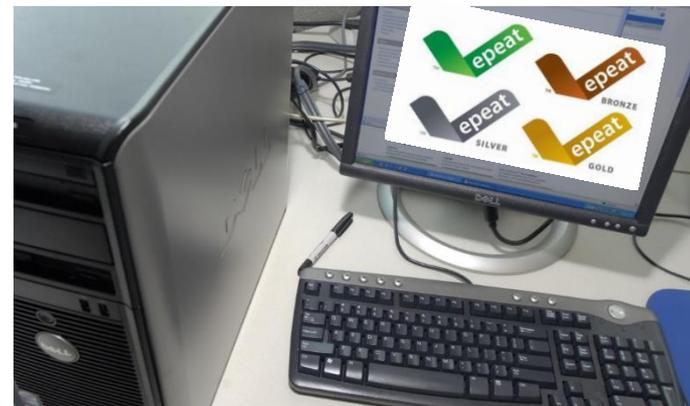
- Piggyback contract
- Purchaser buys, owns and maintains the solar system
- Basic installation available
- New award planned for Fall 2018, multiple award Mini-Bid contract with Installation Services



Computer Aggregate Buy

Available through the “IT Umbrella - Manufacturer Based” contract ([Group 73600, Award 22802](#))

- Replaced the ‘Microcomputer System’ awards (Group 75350)
- Purchases may be made through the Aggregate PC Purchase Initiative
 - Highly recommended
 - Computers **exceed** the EO4 specification and are EPEAT Gold
 - Significant price savings are achieved through the aggregate buy





Recycled Copy Paper

- Less than truckload lots
 - 100% PCF and 30% PCF
 - Group 50211, Award 23078)
- Truckload lots
 - 100% PCF
 - Group 50213, Award 23064)





Green Cleaning (Group 39000, Award 22830)

- General Purpose Cleaners
- Floor Maintenance Chemicals
- Disinfectants and Sanitizers
- Specialty Cleaners
- Powered Janitorial Equipment
- General Cleaning Supplies
- Hand Soaps/Sanitizers
- De-icing and Snowmelt Products
- Waste/Recycling/Composting Liners
- Janitorial Paper Products
- Entryway and other Matting Systems
- Microfiber Cleaning Services



Lighting

- Industrial and Commercial Supplies Contract (Group 39000, Award 22918)
- Reduced pricing for energy efficient lighting
- See 'EO4 and EP Products' for Fastenal and Grainger
- New award planned for summer 2018, all green lighting contract (troffers, high bay lighting, street lights, wallpacks, plug and play LED T8s, LFLs, ballasts, recycling kits)



Recycling and Composting Services (Group 79013, Award 22760)

- Mini-Bid Contract
- Eleven Recycling Lots
- Two Composting Lots
- Four Trash Removal Lots
- Contract includes reporting requirements
- Some recycling lots include revenue sharing
- Recycling and composting lots have lower tipping fees compared to disposal
- Significant savings can be realized by increasing the amount of recycling and composting



Re-refined Motor Oil (Group 05700, Award 23012)

- 70% of Lot 1 awards (conventional motor oil) are for re-refined oil
- Oil with re-refined content is available in Lot 1 for various container sizes
- See Pricing Information for details





Carpet and Carpet Tile (Group 20600, Award 23063)

- Piggyback contract off of NJPA Master Contract 022712
- Contract includes products (carpet, carpet tile, LVT) and services (installation, removal, recycling)
- Contractors have self-identified carpet products that meet the 'Carpet and Carpet Tile' spec on their price lists
- Start with the self-identified products and verify that they meet the specification



Possible Future Contracts

- Environmentally Preferable Industrial & Commercial Supplies?
- Project-Based Lighting Upgrades?
- Energy Performance Contracting?

Let us know if you have suggestions!



Hot Topics



Compostable Plates



Green Labelling

Compostable Plates

The 'Single Use Food Containers' specification is currently being revised, and is in a comment/review period.

Recommended revisions include:

- Establishment of a hierarchy of use (Reusable, compostable, easily recyclable, minimum post-consumer content, sustainably harvested content & other environmental attributes)
- Avoidance of products containing per-fluorinated chemicals (PFCs) and polystyrene (Styrofoam)



Hierarchy of Use

1. Reusable Containers such as ceramic plates, bowls, cups
2. Compostable Containers - BPI certified and labelled 'Compostable' or on the Cedar Grove list of Commercially Accepted Items and free of fluorinated chemicals
3. Recyclable Containers - PET Plastic #1, Polypropylene Plastic #5 or paper lined with polylactic acid (PLA)
NOTE: Polystyrene is not recyclable in most communities
4. Recycled and Sustainably Harvested Content or Other Attribute (Paper with 10% or more RC, PET with 20% RC, materials certified as sustainably harvested (FSC or SFI))



COMPOSTABLE
IN INDUSTRIAL FACILITIES

Check locally, as these do not exist in many communities. **Not suitable for backyard composting.** CERT # SAMPLE





Fluorinated Chemicals

Testing of compostable plates found fluorinated chemicals present in many products (see ‘Avoiding Hidden Hazards: A Purchaser’s Guide to Safer Foodware’, Center for Environmental Health, January 2018)

- Used to improve water and grease resistance
- Health and environmental concerns
- Very little health and safety testing is publicly available
- Can migrate into food and be ingested or can contaminate compost

Products that tested positive for fluorinated chemicals

Molded fiber products
(plates, bowls, clamshells,
trays, etc)

- Sugarcane (Bagasse)
- Wheat fibre (wheat straw or silk)
- Blended plant fibers
- Silver grass (Miscanthus)





Alternatives: Products that tested low for fluorinated chemicals

- Bamboo
- Palm leaf
- Clay coated paper or paperboard
- Clear polylactic acid (PLA)
- Paper lined with PLA





Revised Specification

- Recommends not purchasing containers that are made from molded fiber unless the manufacturer provides a formal declaration that no perfluorinated chemicals were intentionally added to the product during manufacture.
- Recommends not purchasing products made of polystyrene.
- For more information on the testing of compostable plates, including a searchable spreadsheet containing product specific test results, visit CEH's website at <https://www.ceh.org> and see 'Campaigns', 'Endocrine disrupting Chemicals' and then 'Resources'.

Green Labelling Project

- NASPO funded project
- Studied the green labelling practices of MRO Suppliers
- The study identified greenwashing, weak and strong claims





What is greenwashing?

Many companies “greenwash” to make their products appear to be environmentally friendly when they’re not in order to sell more products.

To protect yourself against greenwashing:

- Be skeptical and educate yourself
- Know which claims are strong and legitimate
- Avoid products where claims are vague or cannot be verified





Examples of Greenwashing

Inaccurate or meaningless claims

- Products that claim to meet a certification, but don't actually hold the certification
- Inaccurate recycled content claims

Vague claims without an accompanying reference or certification

- "Product saves energy"
- "Contains recycled content" or "made with recycled material"
- "Low VOC"

Unsubstantiated Claims

- Products labelled as green without any supporting information
- Claims that are unverifiable
- "LEED certified" claims (LEED does not certify products)



Examples



Paper Towels

Made from Recycled Content

Foam Cleaner



Product is RoHS compliant

Hand Soap



Item is made from recycled materials

T12 Linear Fluorescent Lamp



Product helps reduce energy consumption



Weak Claims

- Products that are labelled green due to a single attribute certification, but a stronger multi-attribute certification covers that product category. In these cases, products with the multi-attribute certification should be purchased.
- Products with a tradeoff – for example, a product has a single attribute certification, but also contains hazardous ingredients.

Example: Interior Paint

- Product is Greenguard certified
- Product contains hazardous materials
- Product contains chemicals regulated under California Proposition 65





Strong Claims

1. Products that have a multi-attribute, third party certification
2. Products that have a single-attribute certification when no multi-attribute, third party certification covers the product category
3. Products that are inherently green:
 - Light occupancy sensors
 - Low-flow plumbing fixtures
 - Rechargeable batteries
 - Water Fountains with bottle re-fill stations
 - Recycling Kits
 - Lead free wheel weights



Third Party Multi-attribute Certifications

- Multiple environmental criteria are evaluated
- Evaluation is done by an independent company
- Examples include Green Seal, UL Ecologo, and EPA's Safer Choice



Examples: Third Party Multi-attribute



Single-attribute Certifications

- A single environmental criteria is evaluated
- Examples include Energy Star, WaterSense, DLC Listed



Examples: Single-attribute Certification when no Multi-attribute Exists



Inherently Green Products

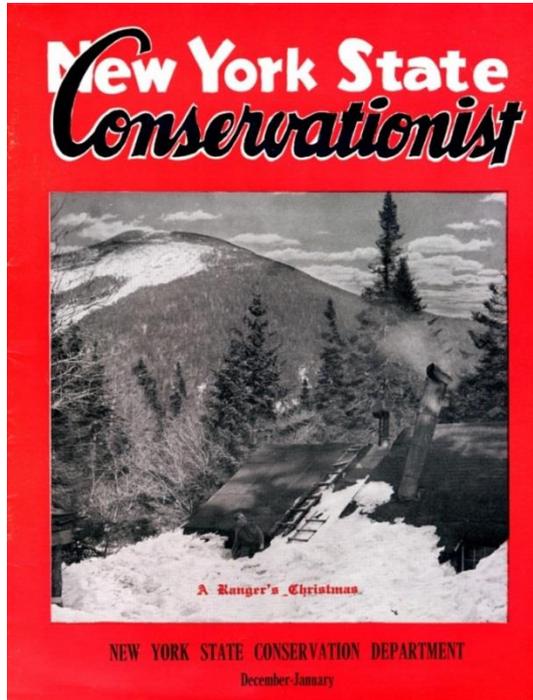


Summary: Avoid Greenwashing

- Be aware of greenwashing
- Ask questions
- Know which certifications are strong (Third Party Multi-attribute)
- Know which labels are weak
- Do not buy products with weak, vague or unverifiable claims



Wrap-up: The Green Economy Movement



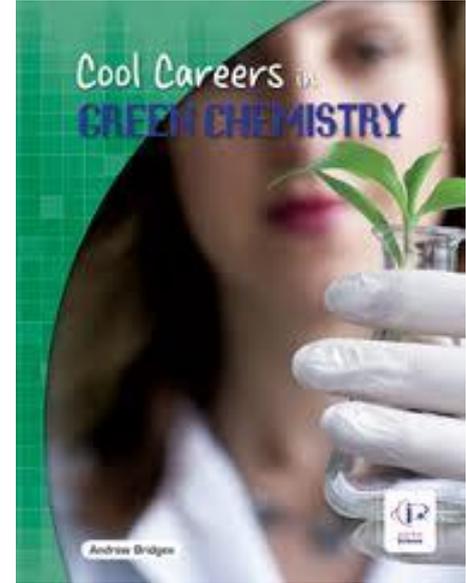


**End-of Pipe controls &
Superfund (1970s – 80s)**



Pollution Prevention (1990s)

The Green Economy





Thank You



GreenNY

Beth Meer, NYS DEC

elizabeth.meer@dec.ny.gov

(518) 402-2796

Todd Gardner, NYS OGS

todd.gardner@ogs.ny.gov

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